



EpsilonR- Transmitting The Talent  
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## Waveguide Directional Couplers

Model No	Category	Name	FREQUENCY (GHz)	COUPLING (dB±1)	WAVEGUIDE SIZE (EIA/RCSC)	INSERT. LOSS (dB Max)	DIRECTIVITY (dB Min)	VSWR (Max) PRIM. LINE	VSWR (Max) SEC. LINE
610100	Waveguide Couplers	Waveguide Directional Couplers	2.60-3.95	3/6/10/20/30/40	WR284/WG10	0.5	30	1.1	1.2
611100	Waveguide Couplers	Waveguide Directional Couplers	3.30-4.90	3/6/10/20/30/40/50	WR229/WG11	0.5	30	1.1	1.2
612100	Waveguide Couplers	Waveguide Directional Couplers	3.95-5.85	3/6/10/20/30/40/50	WR187/WG12	0.5	30	1.1	1.2
613100	Waveguide Couplers	Waveguide Directional Couplers	4.90-7.05	3/6/10/20/30/40	WR159/WG13	0.5	30	1.1	1.2
614100	Waveguide Couplers	Waveguide Directional Couplers	5.85-8.20	3/6/10/20/30/40	WR137/WG14	0.5	30	1.1	1.2
615100	Waveguide Couplers	Waveguide Directional Couplers	7.05-10.0	3/6/10/20/30/40	WR112/WG15	0.5	30	1.1	1.2
615500	Waveguide Couplers	Waveguide Directional Couplers	7.00-11.0	3/6/10/20/30/40	WR102	0.5	30	1.1	1.2
616100	Waveguide Couplers	Waveguide Directional Couplers	8.20-12.40	3/6/10/20/30/40	WR90/WG16	0.5	30	1.1	1.2
617100	Waveguide Couplers	Waveguide Directional Couplers	10.0-15.0	3/6/10/20/30/40	WR75/WG17	0.5	30	1.1	1.2
618100	Waveguide Couplers	Waveguide Directional Couplers	12.4-18.0	3/6/10/20/30/40	WR62/WG18	0.5	30	1.1	1.2
619100	Waveguide Couplers	Waveguide Directional Couplers	15.0-22.0	3/6/10/20/30/40	WR51/WG19	0.5	30	1.1	1.2
620100	Waveguide Couplers	Waveguide Directional Couplers	18.0-26.5	3/6/10/20/30/40	WR42/WG20	0.5	30	1.1	1.2
622100	Waveguide Couplers	Waveguide Directional Couplers	26.5-40.0	3/6/10/20/30/40	WR28/WG22	0.5	30	1.1	1.2
710100	Waveguide Couplers	Waveguide Couplers – Crossguide	2.60-3.95	20/30/40	WR284/WG10	0.5	20	1.15	1.2
711100	Waveguide Couplers	Waveguide Couplers – Crossguide	3.30-4.90	20/30/40	WR229/WG11	0.5	20	1.15	1.2

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712100	Waveguide Couplers	Waveguide Couplers – Crossguide	3.95-5.85	20/30/40	WR187/WG12	0.5	20	1.15	1.2
713100	Waveguide Couplers	Waveguide Couplers – Crossguide	4.90-7.05	20/30/40	WR159/WG13	0.5	20	1.15	1.2
714100	Waveguide Couplers	Waveguide Couplers – Crossguide	5.85-8.20	20/30/40	WR137/WG14	0.5	20	1.15	1.2
715100	Waveguide Couplers	Waveguide Couplers – Crossguide	7.05-10.0	20/30/40	WR112/WG15	0.5	20	1.15	1.2
715500	Waveguide Couplers	Waveguide Couplers – Crossguide	7.00-11.0	20/30/40	WR102	0.5	20	1.15	1.2
716100	Waveguide Couplers	Waveguide Couplers – Crossguide	8.20-12.40	20/30/40	WR90/WG16	0.5	20	1.2	1.2
717100	Waveguide Couplers	Waveguide Couplers – Crossguide	10.0-15.0	20/30/40	WR75/WG17	0.5	20	1.2	1.2
718100	Waveguide Couplers	Waveguide Couplers – Crossguide	12.4-18.0	20/30/40	WR62/WG18	0.5	20	1.2	1.2
718100	Waveguide Couplers	Waveguide Couplers – Crossguide	15.0-22.0	20/30/41	WR51/WG19	0.5	20	1.2	1.2
719100	Waveguide Couplers	Waveguide Couplers – Crossguide	18.0-26.5	20/30/42	WR42/WG20	0.5	20	1.2	1.2
720100	Waveguide Couplers	Waveguide Couplers – Crossguide	26.5-40.0	20/30/43	WR28/WG22	0.5	20	1.2	1.2